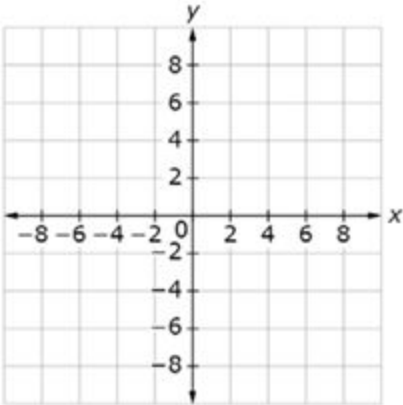


Name _____ Date _____

1. Refer to the map as a coordinate grid.

On the map, the library is located at $(-4, 3)$, the bus station is located at $(-4, 5)$, and the courthouse is located at $(5, 3)$. This grid is measured in kilometers.



Enter the distance, in kilometers, from the courthouse to the library.

2. A parallelogram has these coordinates:

Point A: $(-4, 1)$

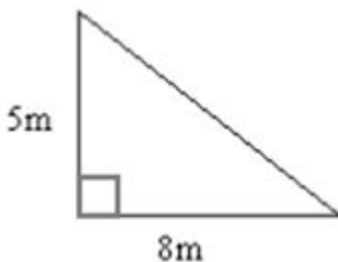
Point B: $(2, 1)$

Point C: $(2, -6)$

Point D: $(-4, -6)$

Enter the length, in units, of side AD.

3. Consider this figure.

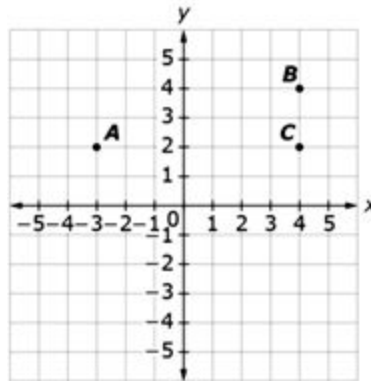


Enter the area of the right triangle in square meters.

4. The points $(5, -6)$ and $(-3, -6)$ represent the location of two towns on a coordinate grid, where one unit is equal to one mile.

What is the distance, in miles, between the two towns?

5. This grid shows the location of three points.



Enter the distance, in units, between point A and point C.